

COMPOSITIONS AND METHODS FOR PROMOTING
NERVE REGENERATION

ABSTRACT OF THE DISCLOSURE

5 FK506 and geldanamycin promote nerve
regeneration by a common mechanism that involves the
binding of these compounds to polypeptide components of
steroid receptor complexes other than the steroid hormone
binding portion of the complex (FKBP52 and hsp90,
10 respectively). These and other agents cause hsp90
dissociation from steroid receptor complexes or block
association of hsp90 with steroid receptor complexes.